

Figure 2. Location of boreholes with water-level measurements that were used to develop water-level contours in the Rainier Mesa and Shoshone Mountain area, Nevada Test Site, Nye County, Nevada.

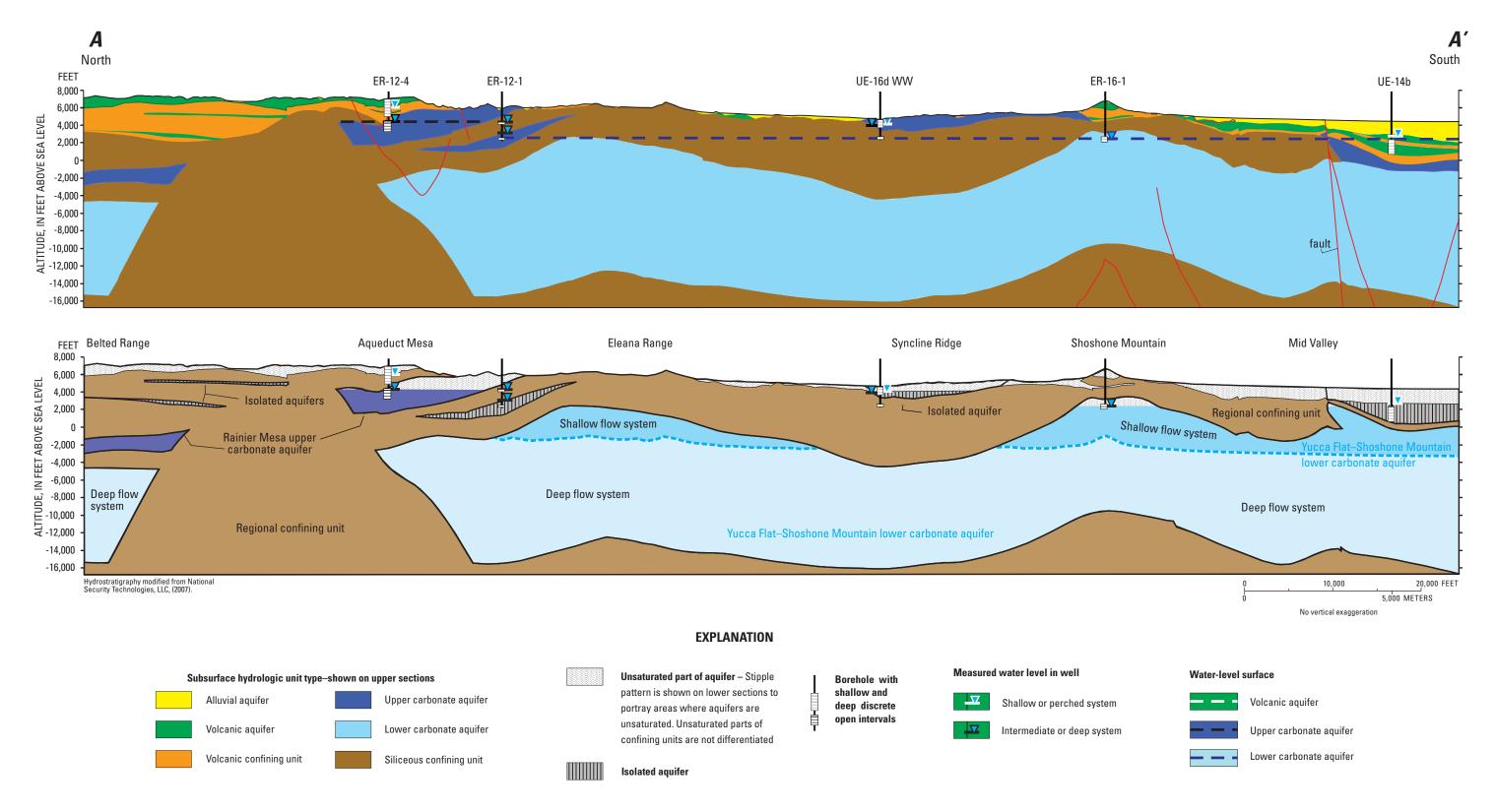


Figure 7. North-south and west-east sections through the Rainier Mesa and Shoshone Mountain area, Nevada Test Site, Nye County, Nevada showing distribution of subsurface hydrologic unit types (upper sections) and designations of continuous and isolated aquifers (lower sections). Trace of sections shown in figure 2.

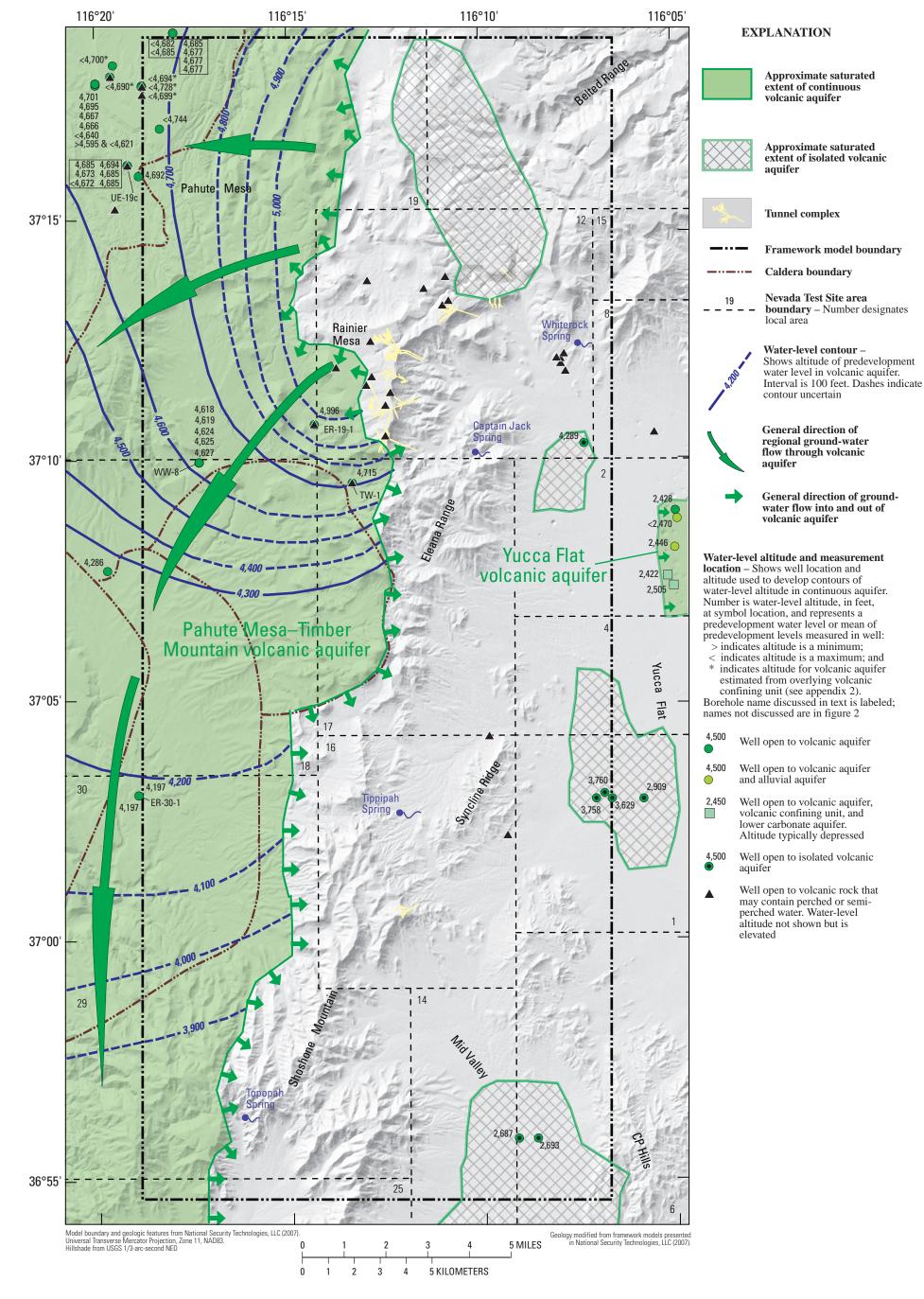


Figure 8. Predevelopment water-level altitudes and contours for continuous volcanic aquifers and distribution of isolated volcanic aquifers in the Rainier Mesa and Shoshone Mountain area, Nevada Test Site, Nye County, Nevada.

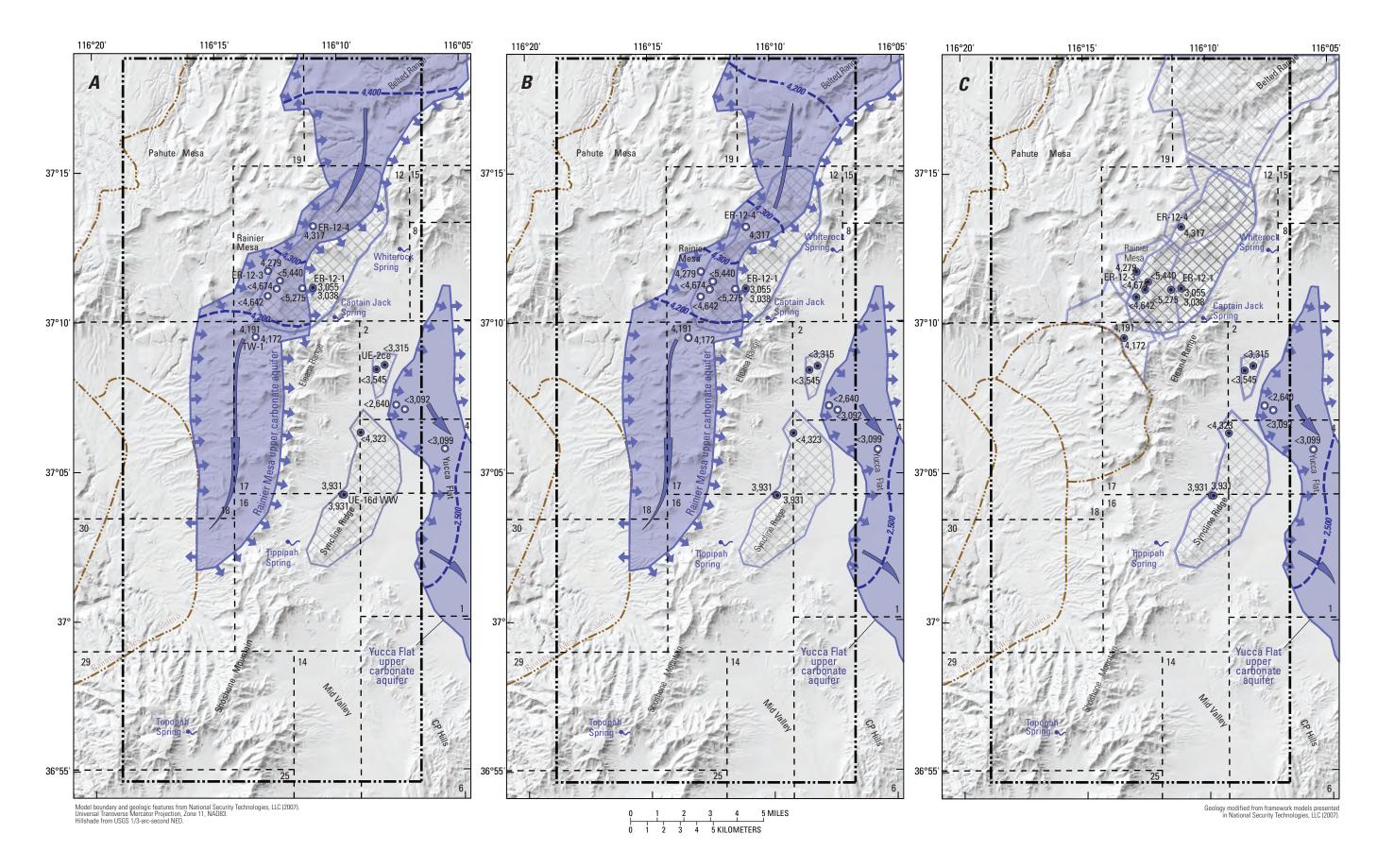


Figure 9. Alternative interpretations of predevelopment water-level altitudes and contours for continuous upper carbonate aquifers and distribution of isolated upper carbonate aquifers in the Rainier Mesa and Shoshone Mountain area, Nevada Test Site, Nye County, Nevada. (A) shows flow as southerly throughout the Rainier Mesa upper carbonate aquifer; (B) shows flow as northerly in northern part of Rainier Mesa upper carbonate aquifer; and (C) shows the upper carbonate aquifer in the Rainier Mesa area as a series of discontinuous, isolated blocks.

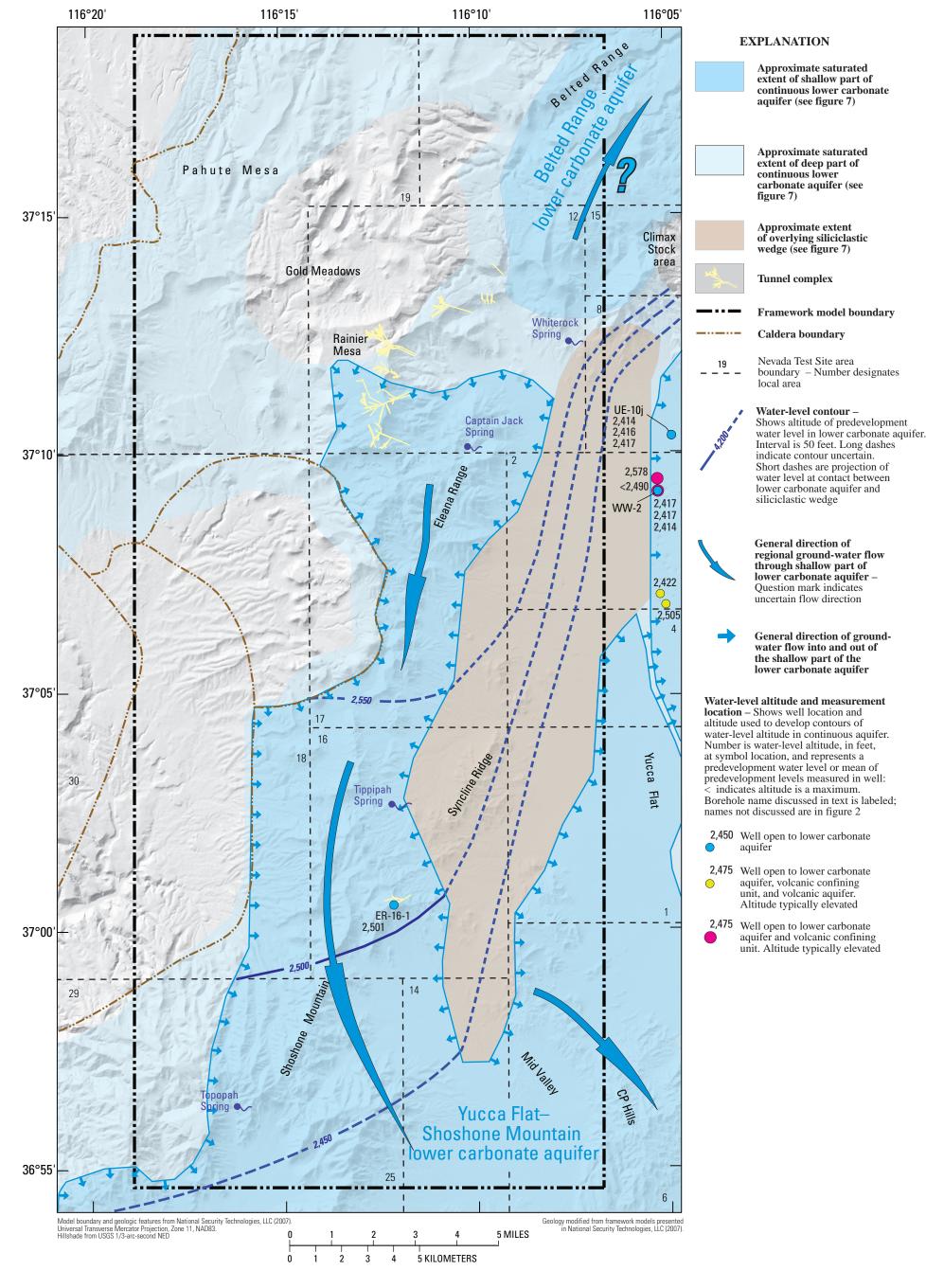


Figure 10. Predevelopment water-level altitudes and contours for continuous lower carbonate aquifers in the Rainier Mesa and Shoshone Mountain area, Nevada Test Site, Nye County, Nevada.

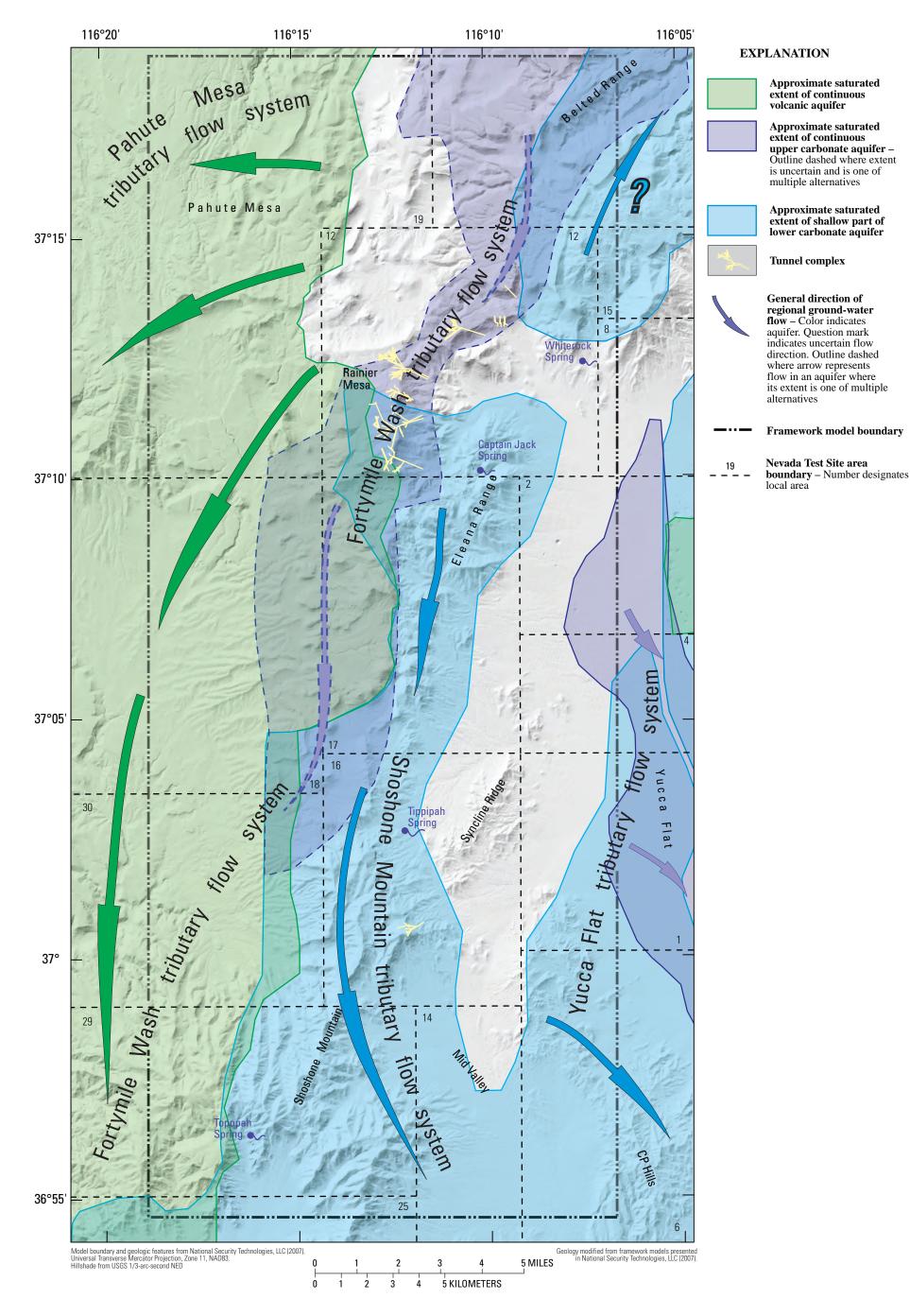


Figure 11. Tributary ground-water flow systems and general directions of ground-water flow in the Rainier Mesa and Shoshone Mountain area, Nevada Test Site, Nye County, Nevada.